

Recycling 101



Reduce - Reuse - Recycle



Why Recycle?



- The U.S. is the #1 trash-producing country in the world at 1,609 pounds per person per year. This means that 5% of the world's people generate 40% of the world's waste.
- On average, it costs \$30 per ton to recycle trash, \$50 to send it to the landfill, and \$65 to \$75 to incinerate it.

*** The highest point in Ohio is "Mount Rumpke," which is actually a mountain of trash at the Rumpke sanitary landfill!**



Disposable Society



***About 80 percent of U.S. products are used once, then thrown away!**

REDUCE

Paper

- *Go Paperless! – Most companies give you the option to have your bills, statements and other correspondence sent via email.*
- ~~Junk Mail~~ OptOutPrescreen.com for credit card offers
CatalogChoice.org for unwanted catalogs
- *Don't print gas receipts*

Other

- *Use canvas bags when shopping*
- *Use reusable bottles instead of buying bottled water*



The amount of wood and paper we throw away each year is enough to heat 50,000,000 homes for 20 years!

REUSE

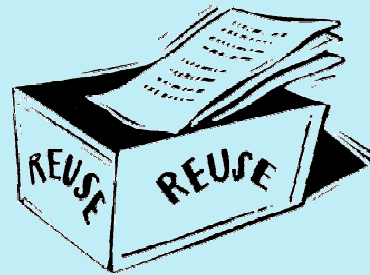
Unwanted Stuff

- *Freecycle.org & Craigslist.org*
- *Yard/Garage Sales*
- *Goodwill/Habitat for Humanity*
- *United Kidney Foundation*



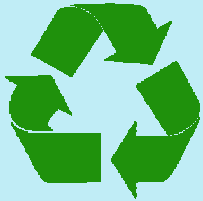
Other Common Items

- *Shopping bags*
- *Office paper*
- *Plastic cups/silverware*
- *Water Bottles/Coffee Mugs*



Be Creative!!!





RECYCLE



The Plastic Numbering System

Most plastic packaging is marked with a number code to identify the type of plastic used. This number code is usually found on the bottom of the container.

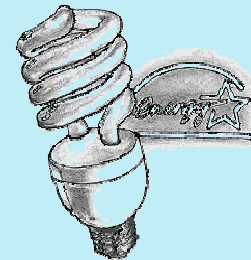
 PETE	Polyethylene Terephthalate Soda and water bottles, cooking oil bottles
 HDPE	High Density Polyethylene Detergent bottles, milk and juice jugs
 V	Polyvinyl Chloride (PVC) Plastic pipes, shrink wrap, a few food and detergent containers
 LDPE	Low Density Polyethylene Dry cleaning bags, produce bags
 PP	Polypropylene Drinking straws
 PS	Polystyrene Styrofoam cups, peanuts, to-go containers
 Other	Other Food containers

From the Curb

- #1 & #2 Plastic (lids removed)
- Glass containers (except drinking glasses)
- Cans (including Aerosol)
- Paper (including: Junk Mail, Newspaper, Magazine, Paperboard)

Taken to Drop-off Site

- Corrugated Cardboard
- Batteries (NiCad, car/boat batteries, rechargeable)
- CF Light bulbs & Tube Fluorescent Bulbs (unbroken)
- Tires, Anti Freeze & Motor Oil
- Electronics & Appliances
- Paint Cans



Other

- Shopping Bags can be recycled at participating grocery stores
- Aluminum Cans = \$0.75/lb or about \$.03/can

*** A Hg Thermometer contains 100x more Hg than a CF Bulb!**

*** Recycling 1 aluminum can saves enough energy to run a TV for 3hrs!**

Composting at Home



***Every year, each American throws out about 1,200 pounds of organic garbage that can be composted!**



Be a Conscious Consumer



- Buy **UNBLEACHED** paper products
 - Coffee filters, plates, cups, napkins
- Buy **BIODEGRADABLE** food service products
 - Corn & Sugarcane (bagasse) products
- Choose products with **RECYCLABLE** packaging
 - Charleston only #1 & #2
- Buy Fair Trade and/or Shade Grown Coffee
- Buy **LOCAL** whenever possible!



\$ VOTE WITH YOUR WALLET

What is DNR Recycling?

- Office Paper
- Bottles & Cans
- Printer Cartridges
- **Monofilament?**
- **Oyster Shell?**



SCDNR

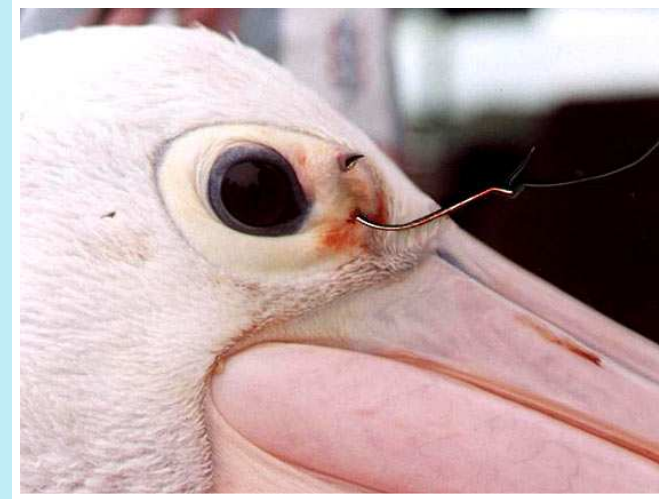
Providing Monofilament Recycling Options

- Outdoor bins
- Partnerships with businesses & community groups



Why keep monofilament out of the environment?

- Persistence
- Nuisance to boaters
- Harmful to wildlife



Photos from Florida MRRP

Outdoor Bins

Adopted by volunteers who...

- *find a good location*
- *check the bin regularly*
- *remove any monofilament*
- *send monofilament in pre-paid boxes to Berkley*
- *send data sheet to DNR*



Photo SCDNR



What Happens to Recycled Monofilament?

Line is
collected



Line is
melted down



Raw plastic pellets are
created and sold to
make plastic products

Tackle Boxes
Fish Habitats
Toys
Spools for Line



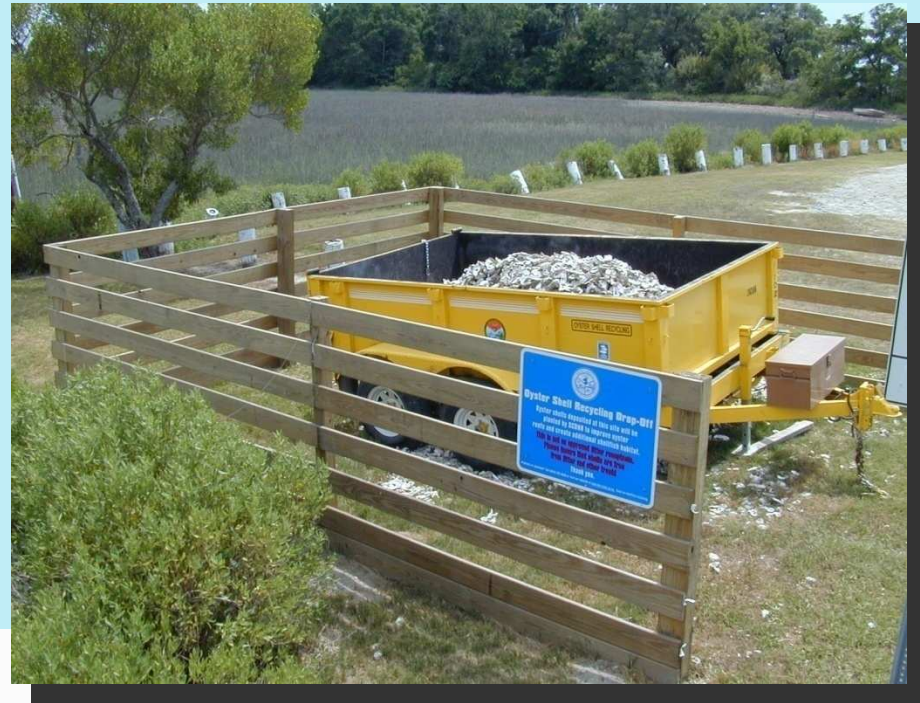
Image from Florida MRRP



**CALL SCDNR
(843) 953-9300
FOR NEAREST
DROP-OFF SITE**



“Urban Friendly” Recycling Center



South Carolina



Questions?

A photograph of a sunset over a body of water. The sun is a bright, glowing orb in the upper right quadrant, casting a long, shimmering reflection down the center of the water. The sky is a gradient of orange and yellow, while the water and distant land are in deep shadow.

"You must be the change you wish to see in the world."

— Mahatma Gandhi

Why keep monofilament out of the environment?

- *Entanglement or other encounters with monofilament can cause injuries, drowning, starvation, and amputation*
- *Most commonly impacted*
 - *Marine mammals*
 - *Turtles*
 - *Birds*
 - *Fish*



Photo from Florida MRRP

19 Shell Drop-off Sites

- Huntington Beach
- Murrells Inlet (2)
- Waccamaw (G'town)
- McClellanville
- Garris Landing
- Mt. Pleasant
- Isle of Palms
- Summerville
- Ft. Johnson
- Charlie Brown Seafood
- West Ashley
- Sol Legare
- Shanklin Road
- Port Royal
- Jessen Landing
- Edisto Beach
- Russ Point
- Bluffton Oyster Co